

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100565.D
 Acq On : 15 Nov 2017 3:27
 Operator : SJ/JU
 Sample : PB104235BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104235BL

Quant Time: Nov 15 06:51:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110201	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	397460	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	150778	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	240262	20.00	ng	0.00
75) Chrysene-d12	14.04	240	234377	20.00	ng	-0.01
86) Perylene-d12	15.52	264	161678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	568477	82.69	ng	0.01
7) Phenol-d6	6.50	99	668379	78.84	ng	0.00
23) Nitrobenzene-d5	7.45	82	575744	95.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	112391	73.15	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	976268	98.59	ng	0.00
78) Terphenyl-d14	12.99	244	726006	71.17	ng	0.00

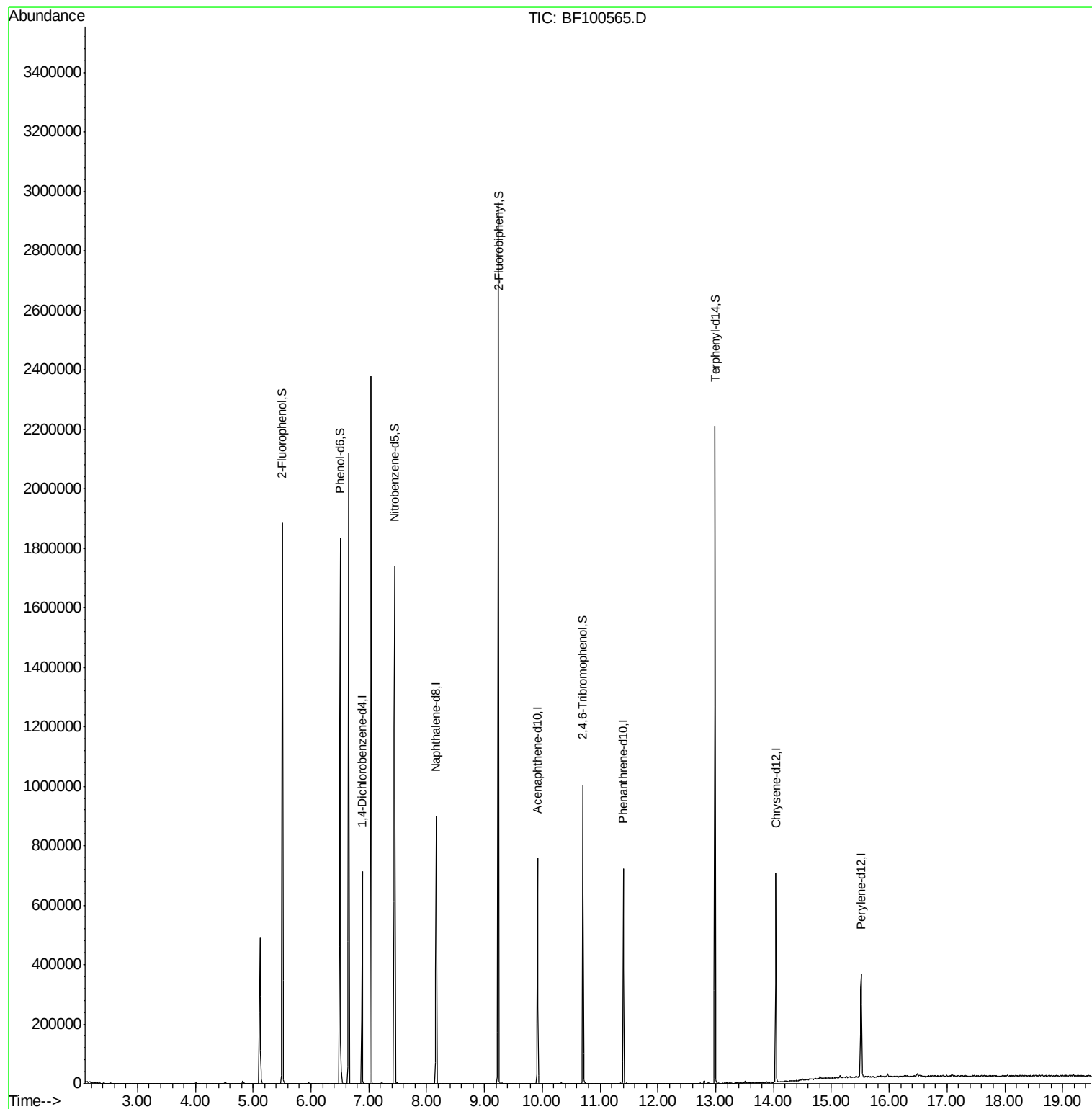
Target Compounds Qvalue

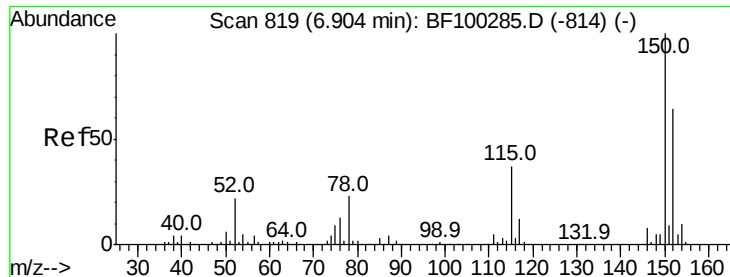
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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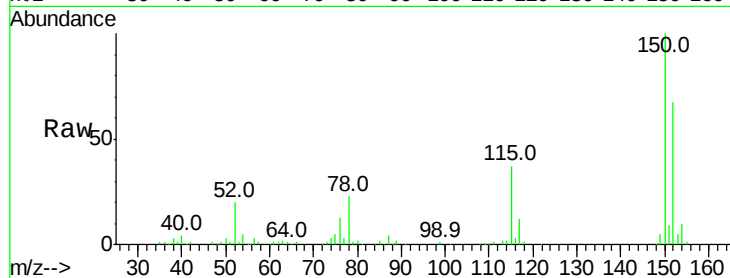


#1

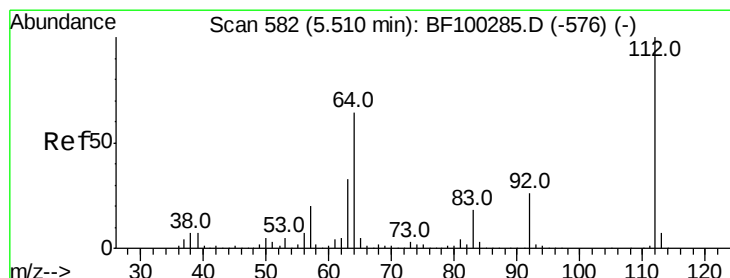
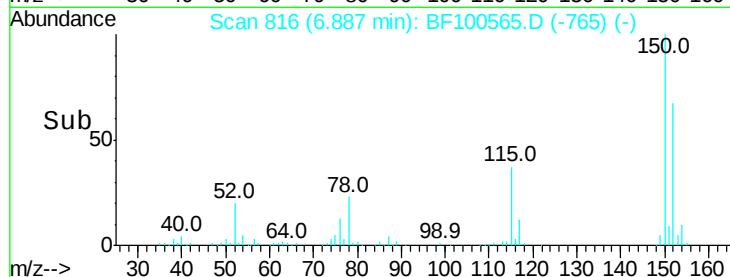
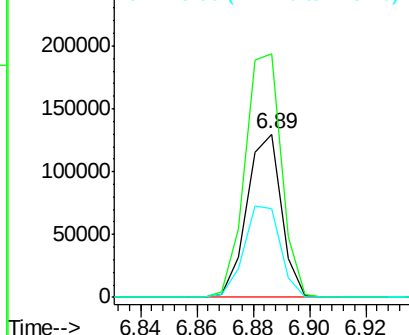
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Instrument :
BNA_F
ClientSampleId :
PB104235BL

Tot Ion:152 Resp: 110201
Ion Ratio Lower Upper
152 100
150 149.1 124.6 186.8
115 54.5 50.1 75.1



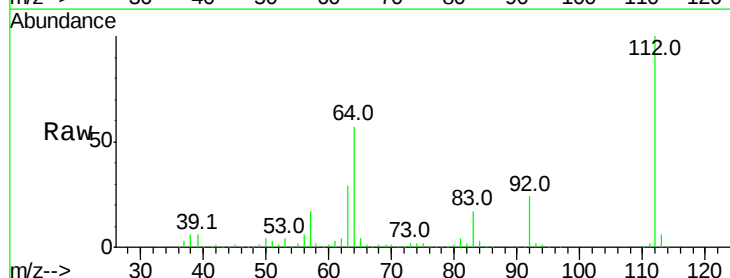
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



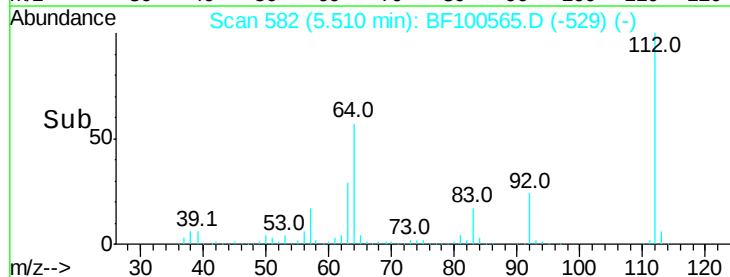
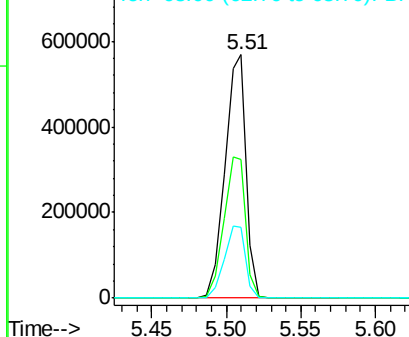
#5

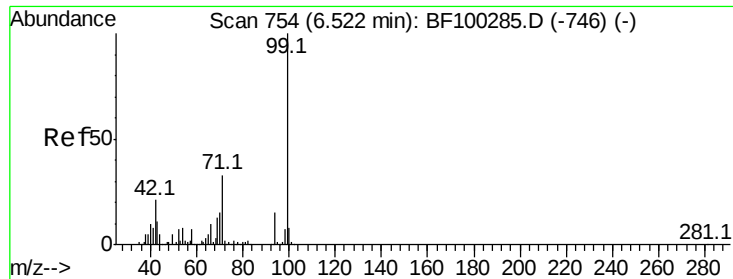
2-Fluorophenol
Concen: 82.691 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Tgt Ion:112 Resp: 568477
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 78.842 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

Instrument :

BNA_F

ClientSampleId :

PB104235BL

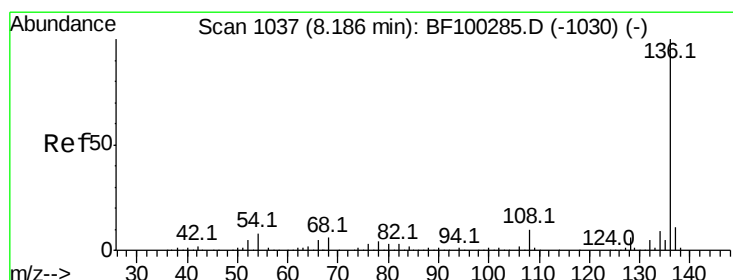
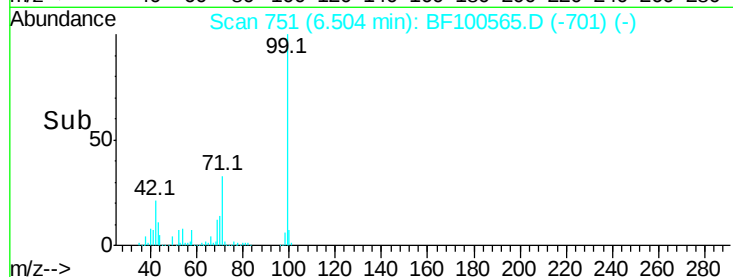
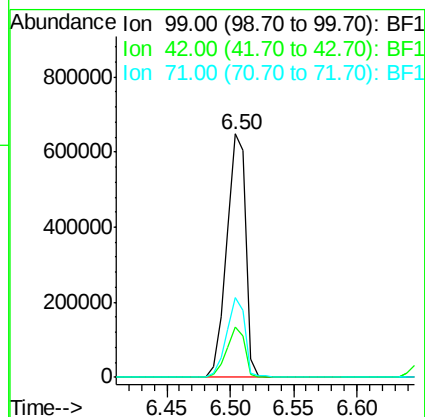
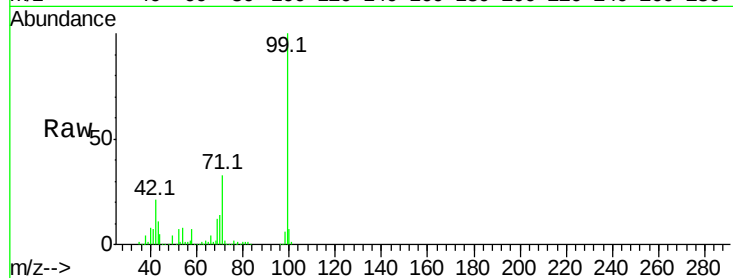
Tot Ion: 99 Resp: 668379

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

Tgt Ion: 136 Resp: 397460

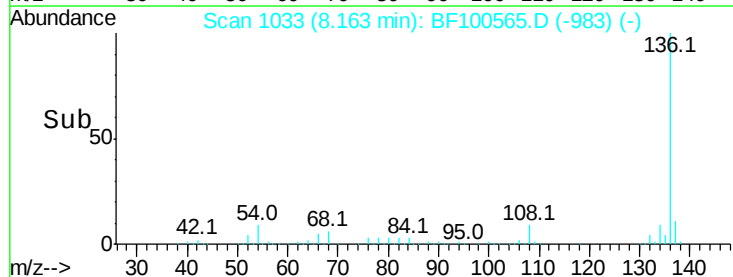
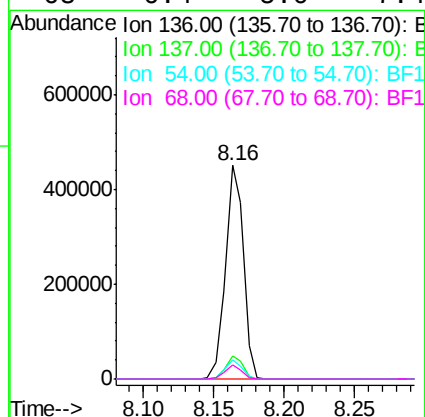
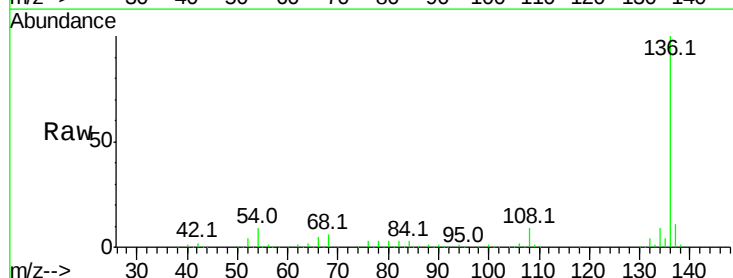
Ion Ratio Lower Upper

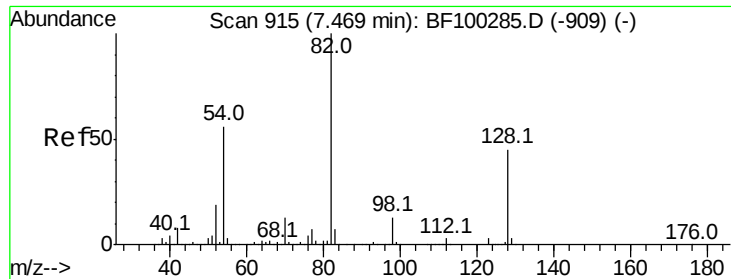
136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 6.4 5.0 7.4

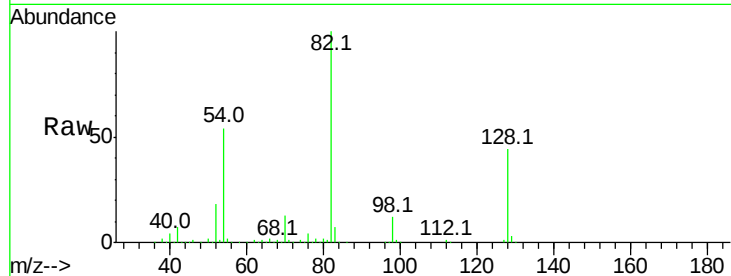




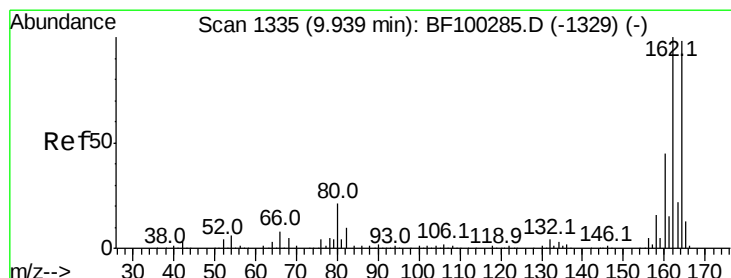
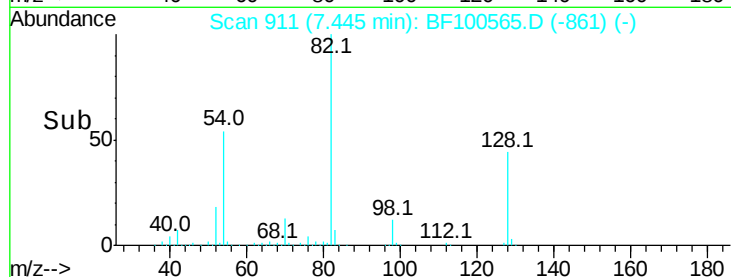
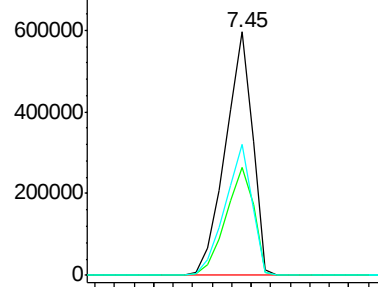
#23
Nitrobenzene-d5
Concen: 95.769 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Instrument :
BNA_F
ClientSampleId :
PB104235BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	53.6	41.4	62.2



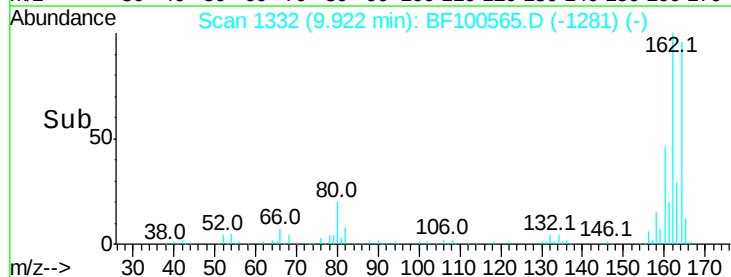
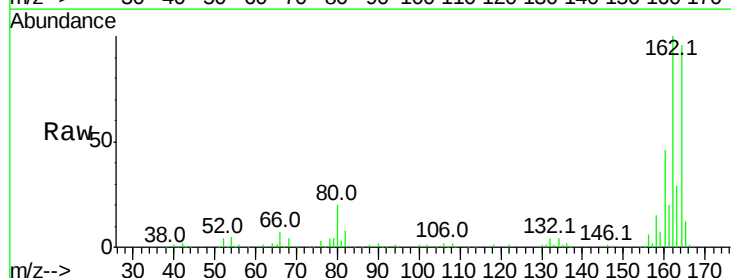
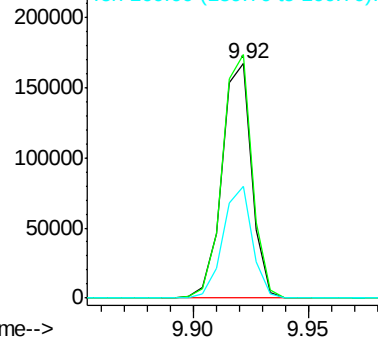
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

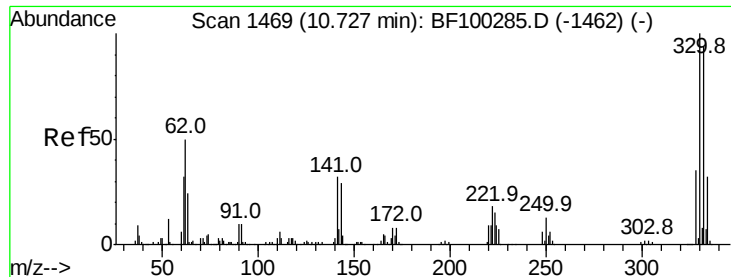


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.5	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

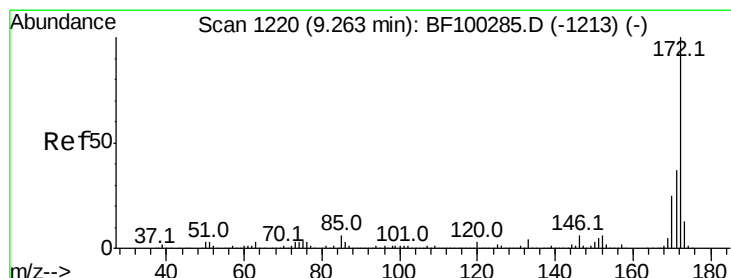
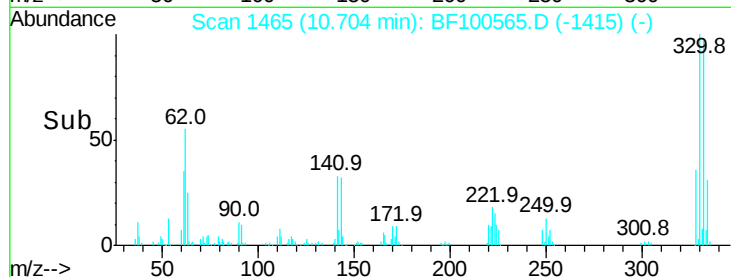
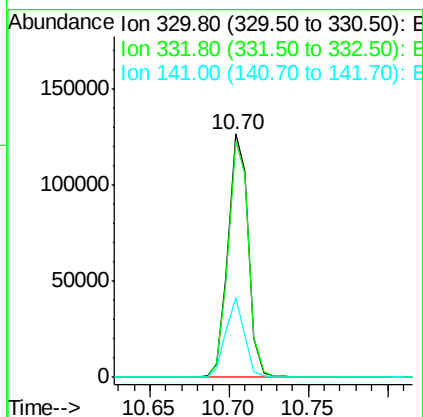
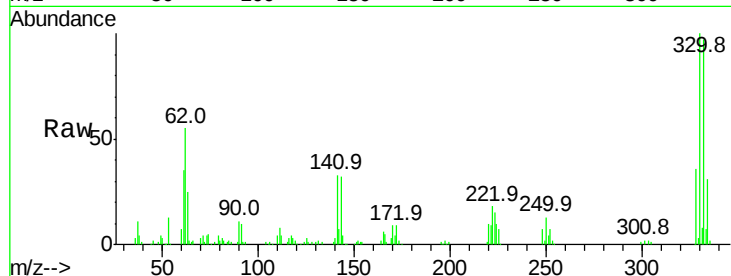




#41
 2,4,6-Tribromophenol
 Concen: 73.151 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

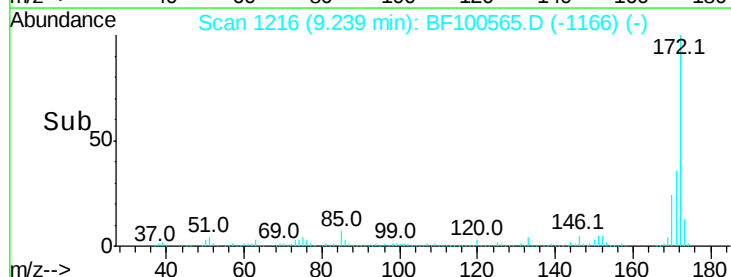
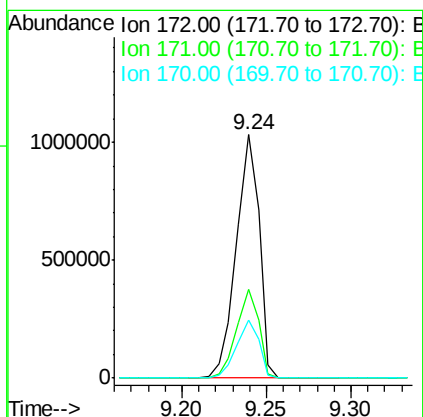
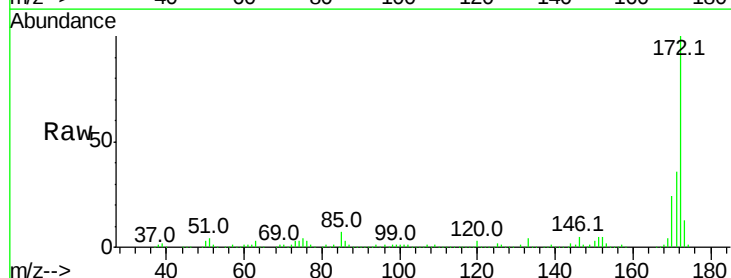
Instrument :
 BNA_F
 ClientSampleId :
 PB104235BL

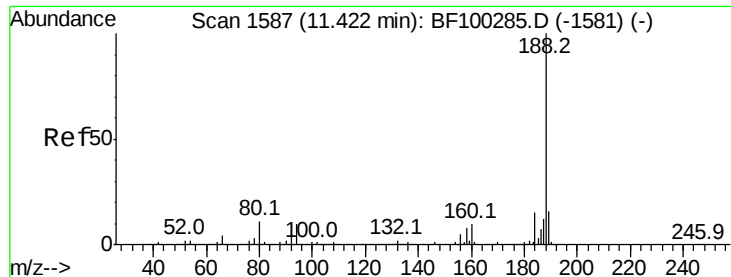
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	30.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 98.594 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100565.D
 Acq: 15 Nov 2017 3:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

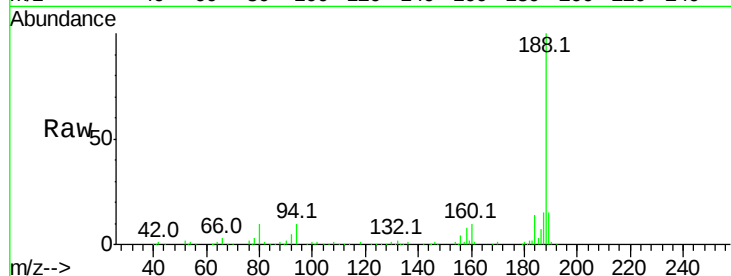




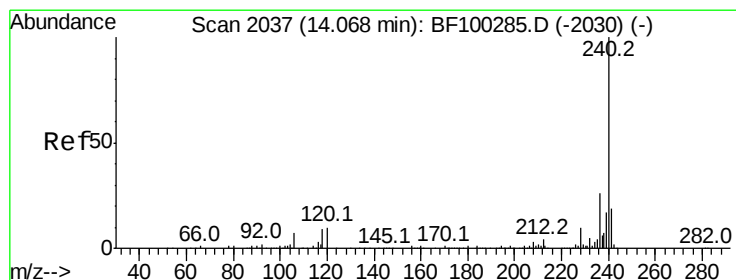
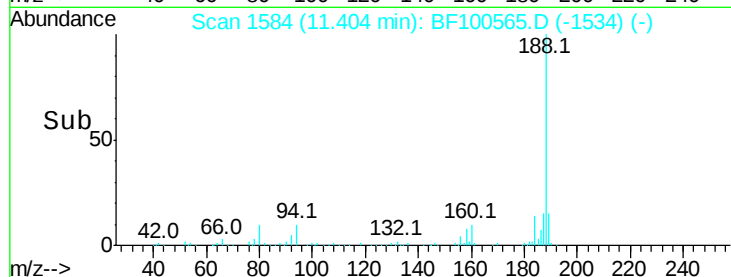
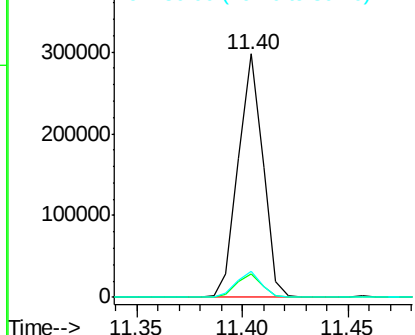
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Instrument :
BNA_F
ClientSampleId :
PB104235BL

Tot Ion:188 Resp: 240262
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.5 9.2 13.8

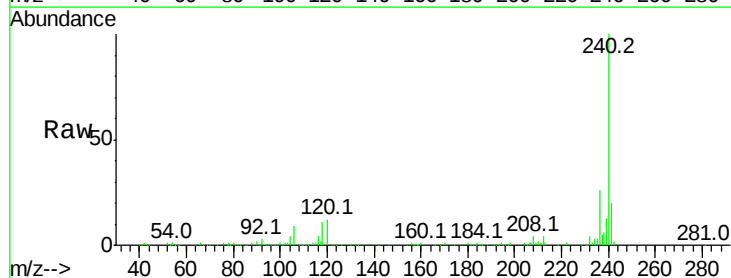


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

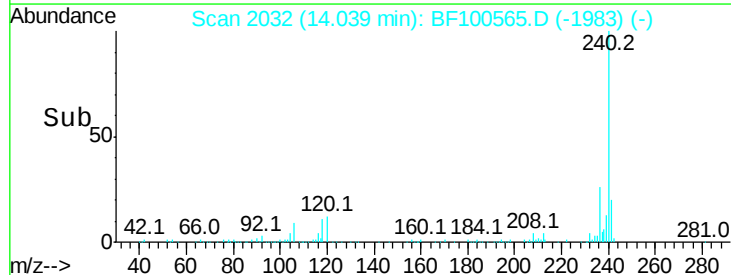
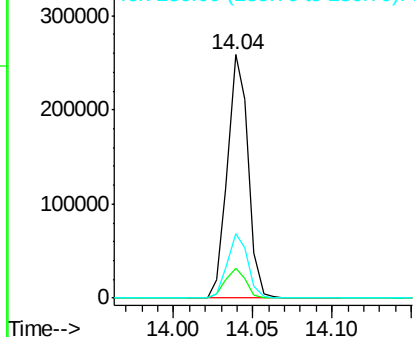


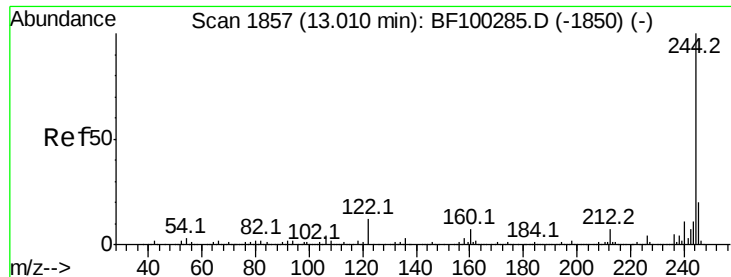
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100565.D
Acq: 15 Nov 2017 3:27

Tgt Ion:240 Resp: 234377
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.174 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

Instrument :

BNA_F

ClientSampleId :

PB104235BL

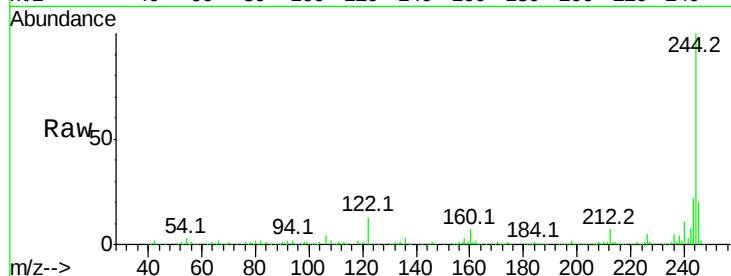
Tot Ion:244 Resp: 726006

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

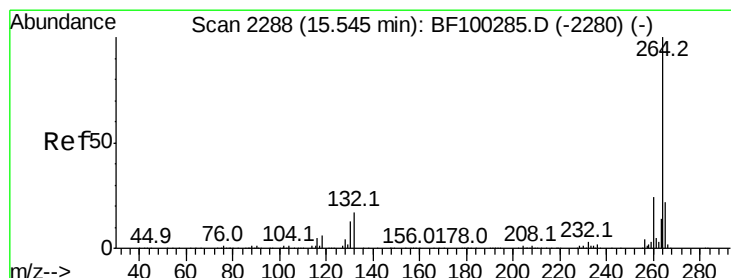
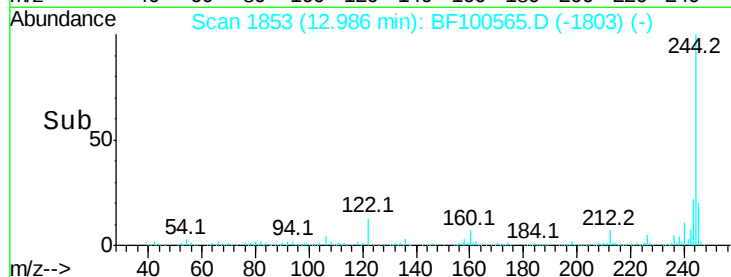
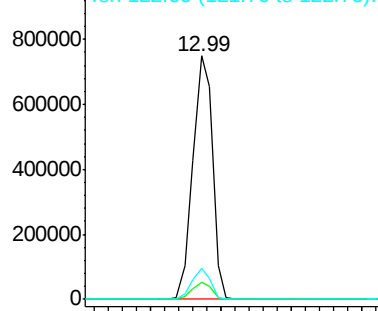
122 12.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF100565.D

Acq: 15 Nov 2017 3:27

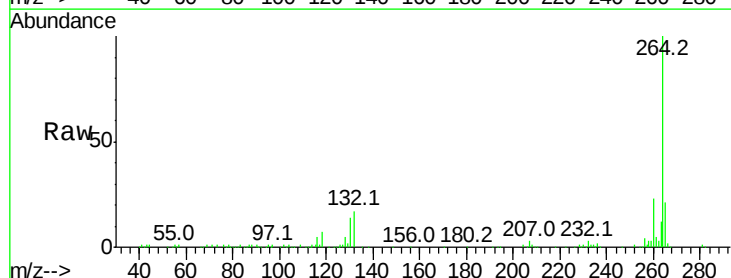
Tgt Ion:264 Resp: 161678

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

